MENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/522510 Filing Date: March 10, 2000

Title: SOFTWARE SET-VALUE PROFILING AND CODE REUSE

Assignee: Intel Corporation

IN THE DRAWINGS

The Office Action objected to the drawings asserting that a "predicate register" was not shown in the drawings. Applicant has submitted a proposed drawing amendment with this response. In the proposed drawing amendment, applicant proposes adding a block illustrating a predicate register(s) to Figure 8. In the proposed drawing amendment, this addition appears in red ink. Applicant has also submitted a new set of formal drawings, including the changes to Figure 8 noted above.



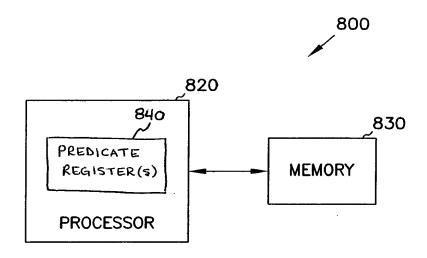


FIG. 8

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700							
* 508	r1 r2 r3	V11 V21 V31	V11 V22 V33	V12 V22 V32	V13 V23 V33	V14 V24 V33	V14 V25 V33
206	r3	V31	V32	V33			
204	12	V21	V22	V23	V24	V25	
202		V11	V12	٧13	V14		

102~ r1 r2 r3

r4=r1+r2

r5=r4+r3

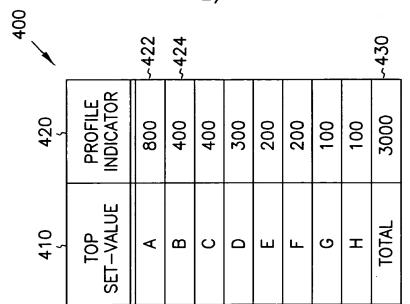
106~

r7=r1*r2



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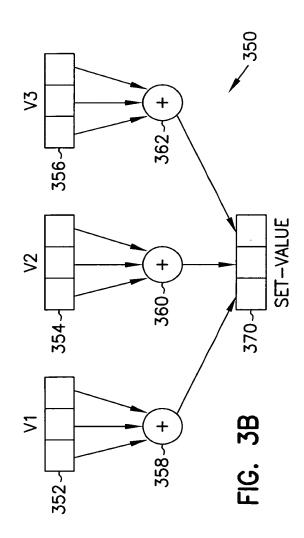


FIG. 4

302 304 306 FIG. 3A v1 v2 v3



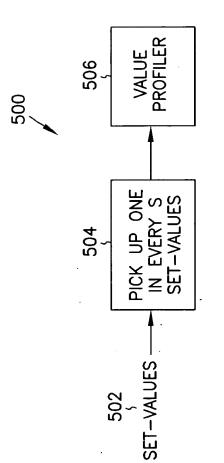
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522~pt,pf=compare.eq counter, 0

522~pt,pf=compare.eq counter, 0 524~<pf> counter=counter-1 526~<pt> counter=S 528~<pt> value_profile(V₁)

FIG. 5B





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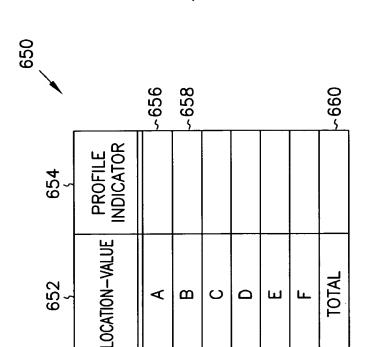
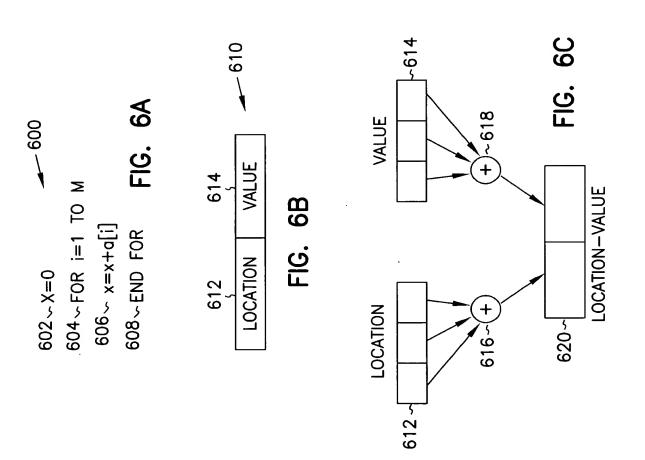


FIG. 6D





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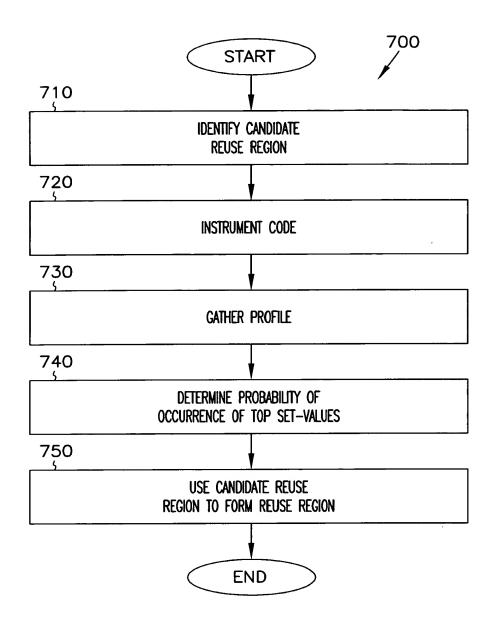


FIG. 7



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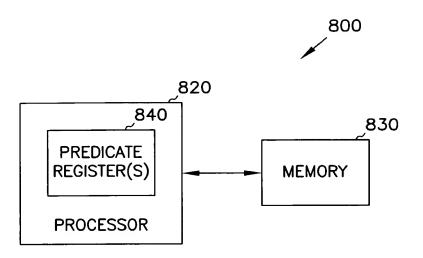


FIG. 8